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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 15th September 1973

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

25th August 1973

1957/Cal/73. Satyendra Nath Sett. Kerosene oil stove.

1958/Cal/73. Rists Wires & Cables Limited. Wiring harnesses. (7th September 1972).

1959/Cal/73. The Lucas Electrical Company Limited. Battery charging systems. (5th September 1972).

1960/Cal/73. H. G. Celio. Lifting apparatus. (5th September 1972).

1961/Cal/73. Ethicon, Inc. Retention suture bridge. [Divisional date 15th January 1972].

1962/Cal/73. Hein Lehmann (India) Ltd. Mechanical actuator.

27th August 1973

1963/Cal/73. The Lucas Electrical Company Limited. Fluid pressure operable switches. (5th September 1972).

1964/Cal/73. Girling Limited. Improvements in and relating to servoboosters for vehicle braking systems. (8th September 1972)

1965/Cal/73. Kali-Chemie Aktiengesellschaft and Saline Ludwigshalle Aktiengesellschaft. A method of producing cryolite. (30th May 1973).

1966/Cal/73. Durga Prasad Choudhury. Manufactured brickbats.

1967/Cal/73. Durga Prasad Choudhury. Ballast free water-vessels.

28th August 1973

1968/Cal/73. Labaz. Benzofuran derivatives and process for preparing the same. (19th September 1972).

1969/Cal/73. Universal Oil Products Company. Catalyst and method of manufacture.

1970/Cal/73. Burroughs Corporation. Solenoid control system.

1971/Cal/73. Envirotech Corporation. Supersonic small bubble generation method and apparatus.

1972/Cal/73. Dr. J. Graw. Operating head for a spray-nozzle.

1973/Cal/73.—Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of 4-chloro-naphthalic acid anhydride.

1974/Cal/73. Maschinenfabrik Rieter A. G. Brake mechanism. (13th September 1972).

1975/Cal/73. Maschinenfabrik Rieter A. G. Winding assembly with automatic bobbin change. (22nd September 1972.

1976/Cal/73. Karl Kroyer St. Anne's Limited. Multiply fibrous sheets. (9th September 1972).

29th August 1973

1977/Cal/73. Southwest Research Institute. Coating composition.

1978/Cal/73. Creusot-Loire. Double boige.

1979/Cal/73. Crown Zellerbach International Inc. Process for the production of polymeric fibres.

1980/Cal/73. Uss Engineers and Consultants, Inc. Improved Q-bop vessel construction.

1981/Cal/73. N. V. Philips Glocilampenfabrieken. Method of manufacturing a mixture for tv glasses.

1982/Cal/73. Societe Fives Lille-Cail. Mold apparatus.

1983/Cal/73. Burroughs Corporation. Description driven microprogrammable multiprocessor system.

1984/Cal/73. Hitachi, Ltd. Regenerative braking controller for a dc motor.

1985/Cal/73. Siemens Aktiengesellschaft. Terminal for an electrical conductor.

1986/Cal/73. Trutzschler & Co., Device for the pneumatic feeding of a quantity of cards.

1987/Cal/73. Tata Engineering & Locomotive Co., Ltd., Surface finish measuring instrument to measure, compare and compute different surface indices.

1988/Cal/73. Alkem Laboratories Pvt. Ltd. Process preparing deglycyrrhizinated liquorice.

1989/Cal/73. V. G. Iljunin, V. M. Murogov and A. N. Shmelev. Fast-neutron reactor.

30th August 1973

1990/Cal/73. Science Union Et. Cie. Process for preparing benzodioxole compounds.

1991/Cal/73. Stichting Bedrijven Ven Het Nederlands Instituut Voor Zuivelonderzock. A process of preparing a fat emulsion.

1992/Cal/73. Electric Power Storage Limited. Side wall terminals for electric storage batteries. (11th September 1972).

1993/Cal/73. N. D. Matange. Improvement sound reinforcement system by introduction of a time delay apparatus.

1994/Cal/73. Societe Fives Lille-Cail. Cooling granular material.

1995/Cal/73. BPB Industries Limited. Improvements in the calcination of gypsum. (1st September 1972).

1996/Cal/73. Hans Hansson & Co., AB. A method for erecting Buildings.

1997/Cal/73. James Hackie & Sons Limited. Improvements in and relating to looms and weft inserters therefor. (31st August 1972).

31st August 1973

1998/Cal/73. Council of Scientific and Industrial Research. An apparatus and improvement in or relating to chemically thinning and polishing semiconductor wafers.

1999/Cal/73. Council of Scientific and Industrial Research. Improvements in or relating to the boundary layer flowmeter.

2000/Cal/73. Council of Scientific and Industrial Research. A process for the production of matrix board for making rubber stereo.

2001/Cal/73. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of thin film resistors resistor networks and/or hydrid circuits.

2002/Cal/73. Council of Scientific and Industrial Research. New fermentation process of the inverse emulsion type (Ifp-eif).

2003/Cal/73. Monojit Sen. An improved stop cock.

2004/Cal/73. East Anglia Plastics (India) Limited. Manufacture of semi-rigid polyvinyl chlride granular composition.

2005/Cal/73. American Flange & Manufacturing Co., Inc. A fluid dispensing closure fitting for containers. [Divisional date 24th February 1972].

2006/Cal/73. Dunlop Limited. Improvements in or relating to the manufacture of vehicle disc wheels. (7th September 1972).

2007/Cal/73. Imperial Chemical Industries Limited. Biocidal compositions. (13th September 1972).

2008/Cal/73. Deere & Company. Crop harvesting machine.

2009/Cal/73. Trutzschler & Co., Dust filter.

2010/Cal/73. Sandvik Aktiebolag. Cutting insert and cutting tool. (5th July 1973).

2011/Cal/73. Eric Harald Carison. Improvements in or relating to drying apparatus.

APPLICATION FOR PATENTS FILED AT PATENT OFFICE (BOMBAY BRANCH).

21st August 1973

273/Bom/73. Voltas Limited. Freezer plates or use in plate freezer plants.

274/Bom/73. R. J. Gajjar. Oil flow switch with indicator.

275/Bom/73. Estrela Batteries Ltd. A battery of electrochemical generators having flat constituents and a method of manufacture thereof.

23rd August 1973

276/Bom/73. Marchon Textile Industries Pvt. Ltd. A new machine for twisting of thermoplastic yarn.

277/Bom/73. S. Gajjar. Electrically operated device for dispensing sealing wax.

278/Bom/73. C. S. Patel. A machine to manufacture plastic packaging material.

24th August 1973

279/Bom/73. S. K. Dastoor. A method of manufacture of improved contact lens.

280/Bom/73. H. H. Chilani. Improvements in or relating to an electric welding and cutting apparatus.

281/Bom/73. Mrs. Manjusha Arun Mungi. An electrically operated numerical display.

282/Bom/73. Hindustan Lever Limited. Scouring bar.

COMPLETE SPECIFICATIONS ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specification; should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS $32F_2b$. 110792

PROCESS FOR THE PREPARATION OF 6-(3'-METHYL-4'-FURAZAN-ACETAMIDO) PENICILLANIC ACID AND THE PHARMACEUTICALLY ACCEPTABLE NONTOXIC SALTS THEREOF.

BRISTOL-MYERS COMPANY, AT THOMPSON ROAD, EAST SYRACUSE, NEW YORK, UNITED STATES OF AMERICA.

Applicaion No. 110792 filed May 24, 1967.

2 Claims

A process for the preparation of a compound of the formula shown in Fig. 1 of the accompanying drawing, and nontoxic pharmaceutically acceptable salts thereof; which process comprises acylating 6-aminopenicillanic acid, or a neutral salt thereof, with about an equimolar amount of an acylating derivative as defined herein of an acid of the formula shown in Fig. 2 of the drawings, in an inert solvent at a temperature of from about-50°C to about 50°C.

CLASS $32F_2a$. 119015

IMPROVEMENTS IN OR RELATING TO THE ELECTROLYTIC PRODUCTION OF METANILIC ACID.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 119015 filed December 16, 1968.

2 Claims—No drawings.

A process for the production of metanilic acid which consists in the electrolytic reduction of a solution of sodium or calcium salt of m-nitrobenzene sulphonic acid which is characterised in that the reduction is carried out using a nearly saturated solution of the above in dilute acid medium but preferably upto 20% sulphuric acid with a rotating electrode of copper, zinc, lead or tin either in pure state or deposited on a suitable substrate and filtering of the separated metanilic acid and reusing the spent electrolyte for further electrolysis.

CLASS 114E. 131109

IMPROVEMENTS IN OR RELATING TO THE MANUFACTURE OF WETTABLE CRUST LEATHER FROM HIDES AND SKINS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RAFI MARG, NEW DELHI-1, INDIA.

Application No. 131109 filed April 26, 1971.

6 Claims—No drawings.

A process for the manufacture of wettable crust leather from hides and skins which consists in pickling and tanning the same with either zirconium salts alone or a combination of chrome and zirconium salts characterised in that the pickled pelt is treated prior to tanning with naphthalene sulphonic acid and formaldehyde.

CLASS 25A and 85H. 131124

REFRACTORY BRICKS AND LINING KILNS WITH SAID BRICKS.

ORISSA CEMENT LIMITED, OF RAJGANGPUR, DIST. SUNDARGARH, ORISSA, INDIA.

Application No. 131124 filed April 16, 1971.

6 Claims

A refractory brick used for lining kilns and furnaces characterised by that the working face (i.e. hot face) of the brick is tapered at three or four sides, thereby leaving tapering gaps between adjacent bricks, wherein each taper may begin from a distance which is at least 1/4th of the thickness of the lining from the cold face of the brick.

CLASS 117-D. 131187

IMPROVED DOOR LOCKING DEVICE.

SURESH DAMODAR SATHE, KOTHARE BUILDING, CIVIL LINES, POST KHAMGAON, DIST. BULDHANA (MAHARASHTRA STATE), INDIA.

Application No. 131187 filed April 30, 1971.

3 Claims.

An improved door locking device comprising two distinct assemblies, the first assembly being fixedly mounted on the outside of the door panel and second assembly being fixedly mounted on the other side of the door panel wherein the said first assembly comprises a rod passing through a common tube of the said first and said second assemblies; a plurality of circular rotary counters each individually marked with suitable letters or numerals, the number of the counters being determined by the design of the locking device, the said counters being mounted on respective rotary tubes telescopically mounted on each other, thus said tubes being capable of free rotary movement in either direction, the fastening plates being mounted on the respective and corresponding aforesaid telescoping tubes; there being provided in the said second assembly circular discs correspondingly mounted on the respective telescoping tubes and the said circular dises are capable of freely rotating on the said tubes unless fastened to their respective said fastening plates with a screw, each of the said circular discs is further provided with plurality of shallow notches of uneven depths and one deep notch, thus when all the respective deep notches on the respective circular dises come in alignment, there passes a horizontally located L shaped plate lever connected to door closing bolt of the said second assembly, the door closing bolt and said L shaped plate lever is pulled towards or inside the commonly aligned slots of the said circular dises, with the help of a lever welded to the end of the rod, which in turn is connected to the said rod of the said first assembly; further characterised in that there is provided a latch which is capable of sliding in upward direction so that the door can be opened from inside by lifting the said latch with the help of a

knob and the said latch can be arrested in lifted position so that the door can be opened without operating the said knob of the said first assembly.

CLASS 25A+C, 35 E, 85J and 129G.

REFRACTORY BRICK HAVING A METAL CASING AND METHOD AND APPARATUS FOR MANUFACTURING SAME.

GENERAL REFRACTORIES COMPANY, OF 1520 LOCUST STREET, PHILADELPHIA, PENNSYLVANIA 19102, UNITED STATES OF AMERICA.

Application No. 131470 filed May 24, 1971.

30 Claims.

A method of manufacturing a refractory brick having a metal casing which comprises; positioning the brick on a metal plate at a position intermediate between the ends of the metal plate; bending the portions of the metal plate located on opposite sides of the brick into contact with the sides of the brick; bending the portions of the metal plate which extend above the brick into contact with the top surface of the brick to overlap the ends of the metal plate; and securing the overlapping ends of the metal plate together to provide a metal casing for the brick.

CLASS 67C and 136E. 131566

SELECTION MEANS FOR THE CONTROL SYSTEM OF AN AUTOMATIC, MACHINE AND AUTOMATIC MACHINES INCORPORATING THE SAME.

BRITISH INDUSTRIAL PLASTICS LIMITED, OF ASBESTOS HOUSE, 77/79 FOUNTAIN STREET, MANCHESTER M2 2EA, ENGLAND.

Application No. 131566 filed June 2, 1971.

Convention date July 18, 1970 (34968/70) U.K.

7 Claims.

Selection means for the control system of an automatic machine comprising a matrix of two position switches arranged to select for operation actions from the possible actions of the machine and a selector member cooperable with said two position switches and which is adapted to operate such of the two position switches as are necessary to achieve a desired selection and/or sequence of said actions, the selector member being a stiff plate provided with a number of apertures and arranged to be urged into contact with a switch array to depress the operating members of all the switches except the ones located against the apertures.

CLASS 172-C_3. 132206

A METHOD OF PRODUCING AN EVEN, CONTINUOUS STRAND OF FIBRES FROM A CONTINUOUS STREAM OF FIBRE FLOCKS AND APPARATUS THEREFOR.

MASCHINENFABRIK RIETER A. G., OF WINTERTHUR, SWITZERLAND.

Application No. 132206 filed July 22, 1971.

Convention date October 14, 1970 (48769/70) U.K.

21 Claims.

A method of producing an even, continuous strand of fibres from a continuous stream of individual fibre flocks by means of one or more pressurized chutes connected to a pneumatic flock conveying duct for the formation of a fibre flock column and for condensing it by means of a pressure drop, wherein the pressure drop acting on each flock column is controlled in accordance with deviations from a pre-set weight as measured in a fibre strand delivered from a chute, correction being effected in the opposite sense of the deviations detected.

CLASS 32B and 40C. 132766

IMPROVED HYDROCARBON SEPARATION PROCESS.

UNIVERSAL OIL PRODUCTS COMPANY, OF NO. 30 ALGONQUIN ROAD, DES PLAINES, STATE OF ILLINOIS, UNITED STATES OF AMERICA.

Application No. 132766 filed September 3, 1971.
Addition to No. 121991.

7 Claims—No. drawings.

In a process for the separation of at least one C8 aromatic hydrocarbon from a hydrocarbon feed mixture comprising at least two C 8 aromatic hydrocarbons which process comprises the steps of; (a) contacting said feed mixture with an adsorbent comprising a crystalline aluminosilicate zeolite comprising faujasite containing at least one cation selected from potassium, rubidium, cesium, barium and silver, in combination with at least one different cation selected from lithium, potassium, barium, magnesium, strontium, beryllium, cadmium, cobalt, nickel, copper, manganese, silver and zinc, said adsorbent which selectively retains a major portion of one of said C8 aromatic hydrocarbons; (b) withdrawing from said bed of adsorbent a raffinate stream comprising at least one C8 aromatic hydrocarbon less selectively retained by said adsorbent; (c) contacting said adsorbent with a desorbent material to remove from the adsorbent selectively retained C8 aromatic hydrocarbon and, (d) withdrawing from the adsorbent a stream comprising desorbent material and selectivity retained C8 aromatic hydrocarbon; the improvement which comprises employing as said adsorbent a type X or type Y structured, as hereinbefore defined, crystalline aluminosilicate containing barium and potassium cations in a weight ratio of barium to potassium within the range of from about 1 : 1 to about 100 : 1.

CLASS 147B. 133222

CLAW MECHANISM FOR ADVANCING A PERFORATED RECORD CARRIER ALONG A PATH.

N. V. PHILIPS GLOEILAMPENFABRIEKEN, AT EMMASINGEL 29, EINDHOVEN (HOLLAND).

Application No. 133222 filed October 12, 1971.

3 Claims.

A claw mechanism for advancing a perforated record carrier along a path, which mechanism comprises a pivoting claw arm which is provided with claw means and is moved by a crank pin mounted on a disc which revolves continuously in operation, and an electromagnet having a core and a armature which is coupled with the claw arm, is arranged for pivotal movement about a fixed pivot and can be attracted against the action of a spring, the pivot of the claw arm being movable in directions towards and away from the feed path in accordance with the control of the electromagnet, characterized in that the armature of the electromagnet extends substantially parallel to the feed path and is directly hingedly connected to the claw arm, the arm being provided with a slot extending substantially at right angles to the feed path and receiving the crank pin of the continuously revolving disc.

CLASS 147A. 133223

CASSETTE

N. V. PHILIPS GLOEILAMPENFABRIEKEN, AT EMMASINGEL 29, EINDHOVEN (HOLLAND).

Application No. 133223 filed October 12, 1971.

5 Claims.

A cassette for use in an apparatus for the recording and/or play-back of recording on or from a strip-shaped record carrier, which cassette includes a take-up core and a supply core for the record carrier and a flanged freely

rotatable and displaceable guide roller, which may engage the outer circumference of a record carrier wound on a core and the flanges of which are capable of guiding the outer turns of a record carrier wound on a core, characterized in that a single guide roller is provided which is arranged so as to be floating, whilst when the record carrier has been wound on the cores the roller contacts the outer circumferences of the record carrier rolls wound on the supply core and on the take-up core, the flanges of the roller simultaneously guiding the outer turns of both record carrier rolls.

CLASS 39K. 133255

PROCESS OR PREPARING NITROGEN MONOXIDE

STAMICARBON N. V., OF VAN DER MAESEN-STRAAT 2, HEERLEN, THE NETHERLANDS.

Application No. 133255 filed October 16, 1971.

4 Claims.—No drawings

A process for the production of nitrogen monoxide by contacting a mixture of ammonia and molecular oxygen with a catalyst containing CO_3O_4 at a temperature lower than 850°C, characterized in that the content of ammonia of said mixture is intermittently reduced by 1 to 10% by volume during 1 to 10 minutes.

CLASS 126A. 133592

AN INSTRUMENT FOR RAPID NON-DESTRUCTIVE ESTIMATION OF FERRITE CONTENT IN AUSTENITIC STAINLESS STEELS

THE FERTILIZER CORPORATION OF INDIA LIMITED, SINDRI, DISTRICT DHANBAD, BIHAR, INDIA.

Application No. 133592 filed November 12, 1971.

9 Claims.

An instrument for rapid non-destructive estimation of ferrite content in austenitic stainless steels, comprising a transducer, means to energise the said transducer, a reference voltage source, a comparator means to compare the outputs of the said transducer and the said reference voltage source both in amplitude and phase, an attenuator means and a phase shifting means connected between the said transducer and the comparator or alternatively connected between the said reference voltage source and the comparator, an amplifier followed by a detector connected to the output of the said comparator means and a display device to display the ferrite content in austenitic stainless steels.

CLASS 85G. 133829

HEATING FURNACE.

RUST FURNACE COMPANY, AT 930 FORT DUQUESNE BOULEVARD, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Application No. 133829 filed December 1, 1971.

15 Claims.

A heating furnace having a hearth composed of support systems for charges to be heated, characterized in that at least some of the support systems are bridge-like structures (32, 33) of fluid-cooled pipes (34, 35, 36, 37, 38), each bridge-like structure (32, 33) spanning the space between its terminal locations.

CLASS 63B and 129M. 133973

IMPROVEMENTS IN OR RELATING TO METHODS OF MAKING MAGNETIC MATERIAL LAMINATIONS.

SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, GERMANY (WEST).

Application No. 133973 filed December 16, 1971.

15 Claims.

A method of making a plurality of laminations of magnetic material in which a piece is punched out of magnetic sheet material, the piece comprising a plurality of parts which are joined together by narrow connecting portions and in which the parts are separated to form a corresponding number of separate laminations by relatively displacing said parts whereby said narrow portions are broken.

CLASS 165-B. 134090

FABRIC HOLDING FRAME FOR EMBROIDERY WORK.

JYOTIPRAKASH KANHATYALAL SARAF 248, BUDHWAR PETH, POONA-2, MAHARASHTRA STATE, INDIA.

Application No. 134090 filed December 27, 1971.

2 Claims.

Fabric holding frame for embroidery work comprising a pair of frames, the outer frame being little larger in size and of either circular, oval, semicircular, triangular, rectangular or polygonal in shape, with a groove on the inner circumference, the inner frame being little smaller in size and of corresponding shape of the said outer frame characterised in that the said inner frame in open and provided with two appandages for holding the open ends, the said inner frame being provided with a strong spring linearly embeded in the frame and a ribbed edge on the outer side while moulding the shape of said ribbed edge corresponds with the inner groove of the outer frame; so that the said inner frame can be contracted by pressing the two open ends with the help of said appandages and inserted in the outer frame, over which the fabric is spread and on releasing, the two open ends of the inner frame take a firm grip with the help of the said spring of the inner frame by holding the fabric in between the inner groove of the outer frame and outer ribbed edge of the inner frame another outwardly projecting small cushioned receptacle on the outer edge of the outer frame to hold the needle or needles.

CLASS $64B_8$ and 69G. 134116

ELECTRICAL SWITCHES.

JOSEPH LUCAS (INDUSTRIES) LIMITED, OF GREAT KING STREET, BIRMINGHAM 19, ENGLAND.

Application No. 134116 filed December 29, 1971.

Convention date January 22, 1971 (2936/71) U.K.

8 Claims.

An electrical switch comprising a hollow body including first and second interengaged parts and a pair of electrical contacts which in use can be electrically interconnected to complete a circuit between a pair of terminal members of the switch, at least one of said contacts being integral with its respective terminal member and the terminal member and therefore the contact being located in position by engagement with both the first and the second body parts when the first and second body parts are interengaged, the terminal member being accessible from the exterior of the switch.

CLASS 172-C. 134647

APPARATUS FOR SEPARATING OPENED FIBRE FLOCK.

MASCHINENFABRIK RIETER A. G. OF WINTERTHUR, SWITZERLAND.

Application No. 134647 filed February 17, 1972.

Convention date October 12, 1971 (47395/71) U.K.

13 Claims.

An apparatus for separating opened fibre flocks from a flock-laden stream of carrier air in a deposition duct connected to a pneumatic flock carrying duct, wherein at

least two inlet openings for the flock-laden carrier air are arranged in an upper part of the duct each inlet opening has a rotor wheel arranged concentrically of the opening.

CLASS 182B. 134668

PROCESS FOR THE ISOMERIZATION OF GLUCOSE TO FRUCTOSE.

STANDARD BRANDS INCORPORATED, OF 625 MADISON AVENUE, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Application No. 134668 filed February 18, 1972.

7 Claims—No drawings.

A process for enzymatically converting a portion of the glucose in a glucose-containing solution to fructose, which process comprises treating viable micro-organisms which contain intracellular glucose isomerase with an amount of a toxic agent such as ethylenimine, N, methyl N^1 nitro-N-nitrosoguanidine and ultraviolet light which destroys at least 95 per cent of the viable micro-organisms, culturing the micro-organisms remaining viable after said treatment under conditions to promote growth thereof, incorporating the glucose isomerase thus produced into a glucose-containing solution and maintaining the glucose isomerase in the solution under conditions whereby a quantity of the glucose is converted into fructose, the treated viable micro-organisms being characterized as producing at least about 30% more glucose isomerase than untreated micro-organisms when cultured under the same conditions.

CLASS $172C_1$ 135440

IMPROVEMENTS IN OR RELATING TO TEXTILE FIBRE DRAFTING APPARATUS.

CASABLANCAS LIMITED, OF CORONATION ROAD, LONDON, N. W. 10, ENGLAND.

Application No. 875/1972 filed July 15, 1972.

Convention date July 15, 1971 (33380/71) U.K.

3 Claims.

A textile fibre drafting apparatus of the type specified, wherein the lower cradle carries a rear platform part and a forward platform part that serves as an extension of the rear platform part, the forward platform part being a lower tensor that is interchangeable locatable in the lower cradle and which is adapted to inter-engage with the forward end of the upper cradle, in the assembled position, to determine the permitted maximum tensor spacing at the delivery opening.

CLASS 90H. 135441

IMPROVEMENTS IN THE PRODUCTION OF ONE-PIECE STEMWARE FROM GLASS, ETC.

GLASS TUBES AND COMPONENTS LIMITED, OF SHEFFIELD ROAD, CHESTERFIELD, DERBYSHIRE, ENGLAND.

Application No. 905/1972 filed July 18, 1972.

Convention date August 2, 1971 (36199/71) U.K.

12 Claims.

A method of manufacturing a stemmed article from a viscous settable material, comprising the steps of providing a partformed article having a glob of material in the position where the stem is required, placing the glob between shaped rollers, and rotating the glob between the rollers while advancing the rollers inwardly to form a stem having a profile defined by the surface of the rollers.

CLASS 69A. 135442

IMPROVED MINIATURE CIRCUIT BREAKER.

CALDEX ELECTRICALS (INDIA) PRIVATE LIMITED, 12B, CLIVE ROW, CALCUTTA-1.

Application No. 1116/1972 filed August 9, 1972

13 Claims.

A double pole miniature circuit breaker having three incoming and three outgoing terminals as live, neutral and earth terminals comprising an overload relay and an earth leakage relay both being connected in series with the live terminals and the earth terminals respectively, a resistance in parallel with the earth leakage relay with its one terminal connected with, the outgoing earth terminal and the other terminal connected to a testbutton contact point, a switch consisting an operating knob, a lock, a butterfly, a lever, a main contact bar and two contact arms to make contact between the live and neutral terminals respectively; an armature operated by the core of the said overload relay coil when the flowing current through the overload relay exceeds the rated limit thereby disconnecting the contacts between the live and neutral terminals, and further a test button, all of which being mounted on a bakelite base and being covered with two detachable side covers and one detachable main cover, all the three covers being made of bakelite attached to the main body by screws.

CLASS 32B. 135443

PROCESS FOR THE PREPARATION OF POLYETHYLENE TEREPHTHALATE.

HALCOM INTERNATIONAL, INC. AT 2 PARK AVENUE, NEW YORK, NEW YORK 10016, UNITED STATES OF AMERICA.

Application No. 509/Cal/73 filed March 8, 1973.

Division of Application No. 131521 filed May 28, 1971.

10 Claims.

A process for the preparation of polyethylene terephthalate from an ester feed consisting essential of a b's-(beta-acyloxyethyl) terephthalate the acyl group of which has 1 to 4 carbon atoms, or a mixture of said diester with the corresponding mono-(beta-acyloxyethyl) terephthalate, said process comprising the steps of : (a) forming a mixture of the ester feed with water; (b) heating the mixture until from about 25% to about 100% of the acyl moieties contained in the ester feed are liberated as the corresponding lower carboxylic acid thereby forming a hydrolyzate containing bis-(beta-hydroxyethyl) terephthalate or a mixture of mono-and bis-(beta-hydroxyethyl) terephthalates together with the acid; (c) polymerizing the bis-beta-hydroxyethyl) terephthalate or the terephthalate mixture to orm a polyethylene terephthalate resin.

OPPOSITION PROCEEDINGS

(1)

The application for patent No. 113796 made by Veb Chemiewerk Coswig in respect of which an opposition was entered by The Associated Cement Companies Limited, as notified in Part III, Section 2 of the Gazette of India, dated the 20th December 1971 has been treated as abandoned.

(2)

The application for patent No. 132544 made by Clayton Dewandre Co. Ltd. in respect of which an opposition was entered by Knorr-Bremse G.m.b.H. as notified in Part III, section 2 of the Gazette of India dated the 21st October 1972 has been treated as withdrawn.

PATENTS SEALED

123700 125357 125704 125798 125956 126777 127011 127048 127057 127095 127231 127239 127291 127420

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AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Prof. Dr. Dr. Sc. h.c. Karl-Heinz Imhausen, Lahr, Hochstr. 8, West Germany, a German citizen and Imhico Ag. of Talacker 42, Zurich, Switzerland, a Swiss Company have made an application under Section 57 of the Patents Act, 1970 for amendment of application form of their application for patent No. 131725 for "A polymerisation process and a polymerisation reactor for carrying out this process." The amendments are by way of correction of the application form so as to include therein the name of Mr. Friedrich Schoffel of 763 Lahr/Schwarzwald, Emil-Gott-Strasse 2, West Germany, a German citizen, as co-inventor". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharyya Jagadish Bose Road, Calcutta-17, on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. *Title of the invention*

110821 (26-5-67) Process for the preparation of heat and light stabilizer diorganotin dimercapto ester derivatives and a composition containing the same.

110825 (26-5-67) A process for impregnating red phosphorus with precipitated magnesium hydroxide or aluminium hydroxide.

110834 (27-5-67) Improvements in or relating to the production of fluoboric acids.

110835 (27-5-67) A process for the preparation of pigments.

110848 (27-5-67) Indanyl-N-methylcarbamic acid esters, process for their production and an insecticidal or acaricidal composition containing the same.

110852 (29-5-67) Improvements in or relating to the electrolytic reduction of 3-nitro-p-cresol to 3-amino-p-cresol.

110880 (30-5-67) Process for the manufacture of pigment preparations suitable for printing surfaces of synthetic materials and of aluminium.

110891 (30-5-67) Method of producing a thixotropic liquid suspending medium particularly for the forming of non-woven fibrous webs.

110915 (31-5-67) Herbicidal composition.

110917 (17-12-65) Preparations for combating pests containing new amidines.

110921 (1-6-67) Improved catalytic process for the conversion of alkyl aromatic hydrocarbons.

110940 (23-6-66) Production of carbon dioxide and argon.

No. *Title of the invention*

110946 (2-6-67) Azo dyes or low water solubility, their production and use.

110948 (2-6-67) N, N'-diglycidyl compounds, processes for their manufacture, and their use.

110951 (2-6-67) Improvements in or relating to methods of manufacturing fine Fe_2O_3 powders.

110952 (2-6-67) Improvements in or relating to pesticide granules and methods of preparing such granules.

110955 (3-6-67) New food composition containing algae of the spirulina type.

110956 (3-6-67) Process for cultivating edible algae of the oscillatoriaceae family in a synthetic medium.

110962 (3-6-67) A process for the purification of sodium aluminate liquors.

110991 (6-6-67) Continuous method and apparatus for producing magnesium metal from magnesium chloride.

110993 (6-6-67) Method for production of theremoplastic synthetic resin foams.

110999 (8-6-66) Novel herbicides, their preparation and use.

111000 (16-6-66) Hydrocarbon desulphiding process.

111001 (16-6-66) Desulfurizing catalyst and a method of preparing it.

111014 (7-6-67) Method and apparatus for multiple-stage contact of reactants.

111020 (16-11-65) Process for the manufacture of trialkyl aluminium compounds.

111021 (16-11-65) Process for the production of trialkyl aluminium compounds.

111024 (8-6-67) Process for preparing polycyclic antiozonants and the compounds so prepared.

111045 (12-6-67) A process for selective conversion of wax-like hydrocarbons.

111054 (12-6-67) Milling of cereal grains and processing of products derived therefrom.

111055 (27-6-66) Improvements relating to the regeneration of zeolite catalysts.

111059 (16-6-66) Hydrocarbon steam reforming process.

111066 (13-6-67) Method of stirring, dispersing or homogenising metal or slag charges, having a temperature of at least 800°C and mechanical device for such stirring.

111087 (13-6-67) Process for the preparation of aromatic carboxylic acids.

111098 (13-6-67) Process for preparing carbon disulphide.

111101 (14-6-67) A process for preparation of a fluorescent dye for hydrocarbon type analysis.

111104 (14-6-67) Method and apparatus for production of carbon black.

111121 (15-6-67) Stabilizer composition and a process of preparing it.

111132 (16-6-67) Process for the production of acid anthraquinone dyestuffs and dyeing as printing of fibres therewith.

111140 (24-6-66) A Process for the preparation of food products.

111142 (22-6-66) Steam reforming process.

111145 (18-6-66) Process of producing phosphate esters.

No.	Title of the invention
111152	(19-6-67) Process for reducing the cohesive and sticking properties of polyster granules.
111162	(19-6-67) Process for the preparation of unsaturated esters from saturated organic acids and olefines.
111163	(19-6-67) Process for the production of carboxylic acid glycidyl esters.
111171	(20-6-67) Process for the conversion of sea water for irrigation purposes.
111173	(20-6-67) Process for oxidizing saturated hydrocarbons and apparatus therefor.
111184	(21-6-67) Reinforced polyamides and process of preparation thereof.
111217	(23-6-67) New water-soluble 2 : 1-chromium complex monoazo dyestuffs and process for preparing them.
111258	(26-6-67) Composition for influencing the growth of plants and process for preparing herbicidal compounds.

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CESSATION OF PATENTS

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RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 98084 granted to Teleboist Limited for an invention relating to "improvements in or relating to swashplate pumps and motors". The patent ceased on the 23rd February, 1971 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 14th April, 1973.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on or before the 15th November 1973 under Rule 60 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 104561 granted to Chandrakant Popatlal Shah for an invention relating to "improved pump device for drawing out liquids like oils chemicals or acids or the like from a container or the like" The patent ceased on the 28th March, 1970 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 1st January, 1972.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 15th November 1973 under Rule 60 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application for restoration of Patent No. 72817 dated the 3rd May, 1960 made by Chemiewerk Homburg Zweigniederlassung Der Degussa, formerly known as Chemierk Homburg Aktiengesellschaft on the 2nd May, 1973 and notified in the Gazette of India, Part III, Section 2, dated the 26th May, 1973 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 104640 dated the 9th February, 1966 made by (Mrs.) Joyce Pereira on the 3rd February, 1973 and notified in the Gazette of India, Part III, Section 2, dated the 10th March, 1973 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 104728 dated the 5th April, 1966 made by Phillips Petroleum Company on the 9th April, 1973 and notified in the Gazette of India, Part III, Section 2, dated the 12th May, 1973 has been allowed and the said patent restored.

(6)

Notice is hereby given that an application for restoration of Patent No. 108674 dated the 31st December, 1966 made by Ratilal Chakubhai Thakkar on the 27th January, 1973 and notified in the Gazette of India, Part III, Section 2, dated the 10th March, 1973 has been allowed and the said patent restored.

(7)

Notice is hereby given that an application for restoration of Patent No. 111552 dated the 18th July, 1967 made by Gautam Sing Davar on the 6th April, 1973 and notified in the Gazette of India, Part III, Section 2, dated the 12th May, 1973 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 140773. Alibhai Rajbhai & Sons (an Indian Partnership Firm), 157, Mutton Street, Bombay-3, Maharashtra State, "Hydraulic Trolley Jack", March 19, 1973.

Class 3. No. 140439 Premier Rubber & Cable Industries, an Indian Partnership firm duly registered under the Indian Partnership Act and having its office at Savoy Chambers, 5, Wallace Street, Fort, Bombay-1, State of Maharashtra, India, "A tyre" December 11, 1972.

Class 3. Nos. 140606 and 140607. Union Carbide India Limited, an Indian Company, of 1, Middleton Street, Calcutta-16, West Bengal, India, "Bottom cap for flashlight", January 22, 1973.

Class 3. Nos. 140608 and 140609. Union Carbide India Limited, an Indian Company, of 1, Middleton Street, Calcutta-16, West Bengal, India. "Lens ring for flashlight", January 22, 1973.

Class 3. Nos. 140673 and 140674. Sunderdas Nemidas (an Indian Partnership Firm), 233-B, Abdul Rehman Street, 1st floor, Bombay-3, Maharashtra State, India, "Toy watch", February 21, 1973.

Class 3. Nos. 140733 and 140734, Geep Flashlight Industries Limited, of 28, South Road, Allahabad, U.P., India, an Indian Company, "A torch", March 12, 1973.

Class 3. No. 140827. Ashok Traders (an Indian Proprietory Firm) 129/C, Govt. Industrial Estate, Charkop, Kandivli (West), Bombay-67, Maharashtra State, India, "Container", April 9, 1973.

Class 3. No. 140828. Ashok Traders (an Indian Proprietory Firm) 129/C. Govt. Industrial Estate Charkop, Kandivli (West), Bombay-67, Maharashtra State, India, "Shoe wearing aid", April 9, 1973.

Class 3. Nos. 140834 and 140835. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act and having its registered office at 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "A sole for footwear", April 12, 1973.

Class 10. Nos. 140836 to 140839. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act and having its registered office at 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "Footwear", April 12, 1973.

Class 10. Nos. 140945 and 140946. Bata India Limited, a Limited Company incorporated under the Indian Companies Act and having its registered office at 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "Footwear", May 9, 1973.

Class 11. Nos. 140723. Samir Chinubhai Gandhi, Indian national, residing at Shreyas, Nariman Point, Backbay Reclamation, Bombay-20, State of Maharashtra, India, "An orthopedic wrist binder", March 7, 1973.

Class 11. No. 140724. Samir Chinubhai Gandhi, Indian national, Shreyas, Nariman Point, Backbay Reclamation, Bombay-20, State of Maharashtra, India, "An orthopedic abdominal binder/belt", March 7, 1973.

Class 11. No. 140725. Samir Chinubhai Gandhi, Indian national, Shreyas, Nariman Point, Backbay Reclamation, Bombay-20, State of Maharashtra, India, "An orthopedic knee binder", March 7, 1973.

Class 11. No. 140729. Samir Chinubhai Gandhi, Indian national, Shreyas, Nariman Point, Backbay Reclamation, Bombay-20, State of Maharashtra, India, "An orthopedic knee binder", March 9, 1973.

Class 11. No. 140730. Samir Chinubhai Gandhi, Indian national, Shreyas, Nariman Point, Backbay Reclamation, Bombay-20, State of Maharashtra, India, "An orthopedic abdominal belt", March 9, 1973.

Class 11. No. 140731. Samir Chinubhai Gandhi, Indian national, Shreyas, Nariman Point, Backbay Reclamation, Bombay-20, State of Maharashtra, India, "An orthopedic ankle Binder", March 9, 1973.

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Design Nos. 133267, 134359, 133870 and 134679 Class-3.

Design No. 130987 Class-5.

Design No. 134395 Class-12.

COPYRIGHT EXTENDED FOR THIRD PERIOD OF FIVE YEARS

Design No. 116434 Class-4.

S. VEDARAMAN
Controller General of Patents, Designs and Trade Marks

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